

ABSTRACT

A method and apparatus is provided for removing fluids, particularly entrained and/or adherent fluids, from drill cuttings generated during the well drilling process. A generally cylindrical wire-wrapped screen having a bore therethrough rotates about its longitudinal axis. Suction pressure is applied through the inner bore of the cylindrical wire-wrapped screen. As fluid-laden drill cuttings are deposited on the outer surface of the cylindrical wire-wrapped screen, fluids are drawn off of the cuttings and evacuated from the inner bore of the cylindrical wire-wrapped screen. Solid components of the cuttings remain on the outer surface of the cylindrical wire-wrapped screen and eventually roll off the screen. A scraper member is provided to agitate cuttings deposited on the outer surface of the cylindrical wire-wrapped screen.

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